

REMARKS

Claims 15, 17 and 19 – 21 are now pending. The claims are amended to more clearly distinguish over the prior art combination of Horikiri (JP 11069681) in view of Arz (U.S. 6,741,152) as was applied to the now canceled claim 24 under Section 103. The cancelation of claims 22-23 and 28-29 removes any basis for objection to the drawings as well as the rejections under Section 112.

It is submitted that claim 15 is allowable because it recites several features which are not found or obvious in view of the art of record. For example, the claim expressly recites a series of orientations including:

an “axis of the spring cross section ... parallel to the rotor axis ...”

and

“a radial cooling channel extending from the axial cooling channel to the air outlet opening, with the radial cooling channel extending radially outward with respect to the axial direction of the rotor body ...”

Furthermore, the “radial cooling channel is in connection with the axial cooling channel to allow flow of a cooling medium from the axial cooling channel and through the radial cooling channel and through the air outlet opening of the pole shoe.”

Finally, it is noted that, contrary to a statement made in the rejection of canceled claim 24, the Arz reference does not disclose a coil. Applicants claim a field coil arranged between the rotor body and the pole shoe while the Arz reference only discloses a conductor 1 composed of two profiled segments 2 fashioned as rectangular rods. See col. 3, lines 30 – 33. The disclosure in the Arz reference of a cooling channel does not render the subject matter of claim 15 obvious. Applicants do not broadly claim a cooling channel. Rather, applicants claim a combination of features as noted above with respect to a coil.


For all of these reasons independent claim 15 and each claim which depends therefrom is patentably distinguished over the prior art.

Conclusion

The Commissioner is hereby authorized to charge any appropriate fees due in connection with this paper, or credit any overpayments to Deposit Account No. 19-2179.

Respectfully submitted,

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